

In 2011, for the first time, smartphone and tablet shipments exceed those of desktop and notebook shipments.

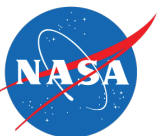
-Morgan Stanley Research

Extending enterprise applications to mobile devices is increasingly becoming a priority for organizations optimizing their workforce.

-The Architecture Journal

Worldwide mobile application store downloads are forecast to reach 17.7 billion downloads in 2011, a 117 percent increase from an estimated 8.2 billion downloads in 2010.

-Gartner



Enabling NASA's workforce with access to the information they need, anytime, anywhere using CIMA's proven and secure architecture to deliver critical business functions directly to their mobile device.

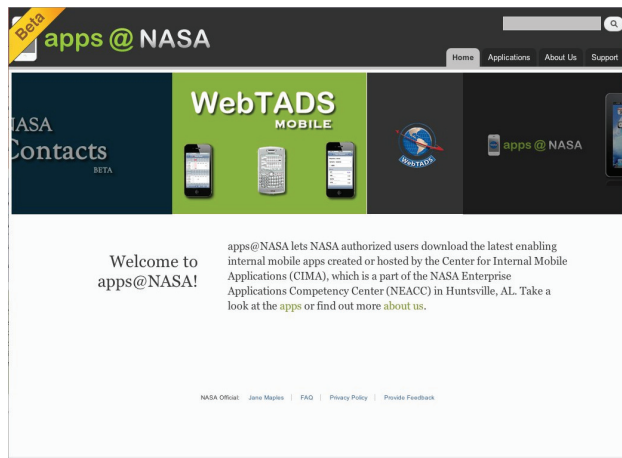


For Users...

Hosting and Delivery

One website (apps@NASA) for all NASA internal mobile applications

- Browse by category
- Rate and review applications
- Over-the-air installation and updates
- Search user forums for information and help



Multiple device platform support

- iPhone
- iPad
- Android
- BlackBerry

Easy installation to mobile devices with QR codes



<https://apps.nasa.gov>

Using a scanner application on the mobile device, users will be able to scan QR codes on documents or websites. The QR code will link to the install file for quick installation of the specific application or link directly to the apps@NASA website.

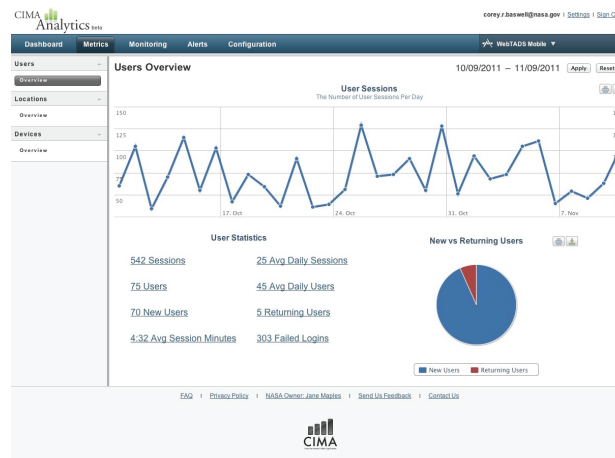
For Owners...

Analytics, Security and Branding

Analyze your Applications

Extensive metrics on all aspects of how users interact with your mobile applications

- Real-time application usage
- Analytic dashboard and ad-hoc reporting capabilities
- Customizable alerts and notifications for user events



Secure Your Applications

Full control on who can access and utilize your mobile applications

- Whitelist / Blacklist by users, groups, mobile device, etc.
- Remote application administration

Brand Your Applications

Provide a standard look and feel for all your mobile applications

- UX (User Experience) guidance
- Skinnable screen and widget templates
- Icon and graphics design

For Developers...

Pluggable Services and Cross Platform

Pluggable Services and Templates

Powerful plug-ins for accessing NASA services

- ICAM authentication and authorization plug-in
- Login and user preference templates
- Analytic and logging plug-ins
- Secure Mobile Access Point (SMAP) allows your app to reach protected NASA services and data

Cross-platform mobile application development services

Simple mobile solutions that span all major mobile devices

- Web application wrapper – deliver your web application as a native application
- Hybrid Web Applications – construct simple applications with HTML5, javascript and CSS
- MEAP – Mobile Enterprise Application Platform – construct powerful applications that access NASA services and data

Native mobile application development services

Feature rich native applications utilizing all of the mobile device's capabilities

- Full development life cycle support for iOS, Android and BlackBerry mobile applications
- Seamless integration with ICAM authentication and authorization services
- Secure access to NASA services and data

